

M ASCENT™

Incomparable ESL Precision

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M
MARTIN LOGAN

www.martinlogan.com

ASCENT™

INCOMPARABLE ESL PRECISION

From an audio culture built on the dedication needed to explode myth after myth—designers, engineers, and artisans each cultivating perfection—comes the new MartinLogan ASCENT.

Uncompromised electrostatic technology at a modest price. The veil vanishes—sudden clarity provides pure immersive experience. Massive air bursting dynamics connect you with the essence of every scene and every performance—high performance audio and home theater as it was intended.

ASCENT expresses the unique MartinLogan language of form and function. It embodies the look and break-through technology of its sibling—Prodigy—in a sculpted cabinet that is sleek, compact, and beautifully finished. Its all new design leverages both the MartinLogan CLS (curvilinear line source) electrostatic technology and our long experience in hybrid speaker system design. ASCENT maintains controlled dispersion—for minimal room interaction—while providing outstanding dynamic range, imaging, and detail.

ASCENT features advanced construction techniques—specially designed stator supports and composite headpiece for maximum stator rigidity and astonishing clarity. Its trim fastening system enables quick and easy trim rail changes to complement any decor. A redesigned crossover, proprietary audiophile CE certified binding posts, increased cabinet rigidity, and MartinLogan energy transfer coupler (ETC) spikes provide tighter bass and increased dynamics.

ASCENT—setting the standard for living with sound.

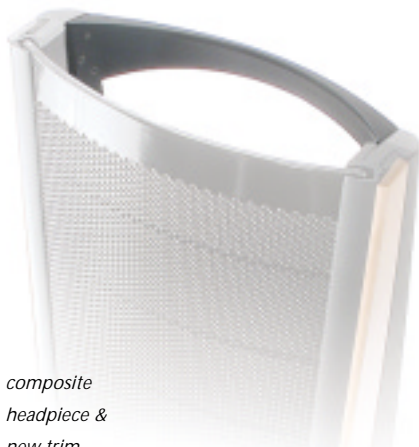
Why do all MartinLogan electrostatic loudspeaker (ESL) systems reproduce each sound so accurately?

At the heart of every MartinLogan speaker lies an ultra-thin transparent diaphragm—the patented curvilinear line source (CLS) electrostatic transducer.

Driven by charged electrons and weighing less than the air it moves, the CLS diaphragm is so responsive it reproduces sound at levels only associated with the finest audio electronics.

With indistinguishably low distortion, the patented MartinLogan diaphragm precisely tracks the input signal, engages the air, and transmits the audio signal to your ear—flawlessly.

The electrostatic transducer's low distortion and curvilinear line source combine to provide detail, power, and clarity with minimal room interaction—unavailable any other way.



composite headpiece & new trim fastening/stator support system

proprietary CE certified binding posts



<i>Frequency Response</i>	<i>35–22,000 Hz, ± 3dB</i>
<i>Dispersion</i>	<i>horizontal 30 degrees, vertical 4' (122 cm) line source</i>
<i>Sensitivity</i>	<i>90 dB, 2.83 volts/meter</i>
<i>Impedance</i>	<i>Nominal 4 ohms, minimum 1.2 ohms @20 KHz</i>
<i>Crossover Frequency</i>	<i>280 Hz</i>
<i>Components</i>	<i>Custom-wound audio transformer, air core coils, polypropylene capacitors</i>
<i>Bass Drivers</i>	<i>10" (25.4 cm) high excursion, high rigidity cone with extended throw driver assembly, non-resonant asymmetrical chamber format</i>
<i>Bass Control Switch</i>	<i>-3 dB below 200 Hz</i>
<i>Power Handling</i>	<i>200 watts per channel</i>
<i>Dimensions</i>	<i>64" H x 13" W x 22" D (162.6 H x 33 W x 55.9 D cm)</i>
<i>Weight</i>	<i>72 lbs each (32.5 kg)</i>

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